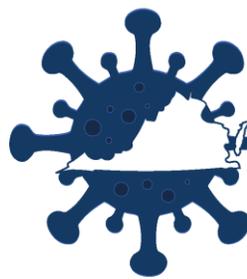


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# Virginia Respiratory Disease and Mpox Data Update

March 30, 2023



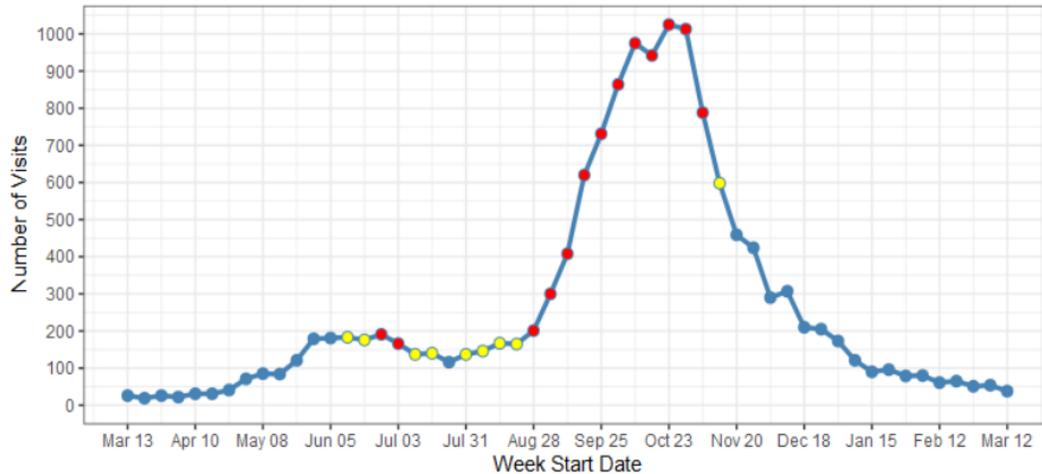
**VIRGINIA'S  
HEALTH  
IS IN OUR  
HANDS.**

Do your part,  
stop the spread.

# Virginia: Respiratory Disease Syndromic Surveillance

*Diagnosed Respiratory Syncytial Virus (RSV)		
02/26 – 03/04 (MMWR Week 9)	03/05 – 03/11 (MMWR Week 10)	03/12 – 03/18 (MMWR Week 11)
51 visits	54 visits	<b>38 (-30%)</b>
Data is from the week of Mar. 12 – Mar. 18, 2023. Percent change is from week prior		
* RSV - ED and urgent care visits that include RSV in the discharge diagnosis (not necessarily confirmed cases)		

**Weekly ED and Urgent Care Visits with Diagnosed RSV  
03/13/22 – 03/18/23**

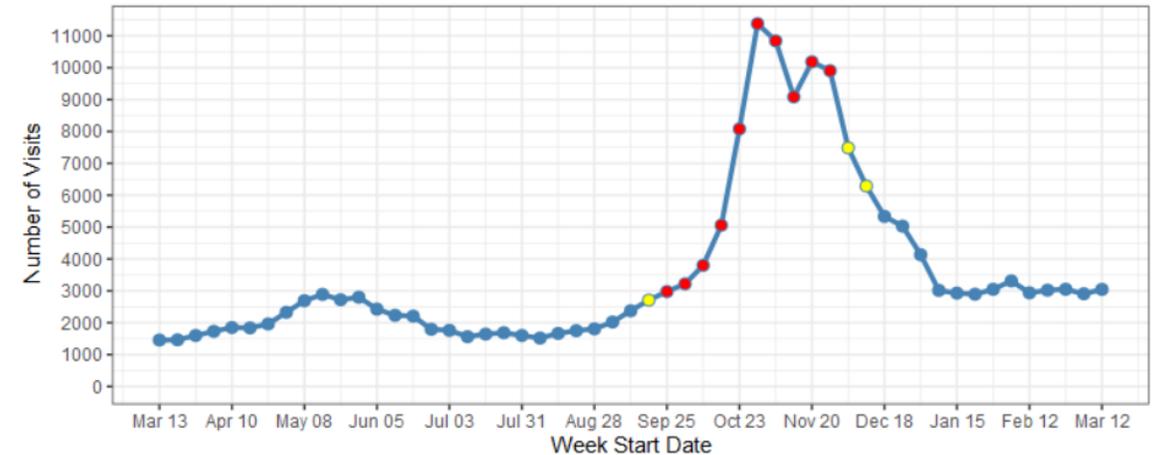


- Nationally, RSV hospitalization rates nationally decreased from 0.3 to 0.2 per 100k, during the week ending 03/18

Source: VDH Weekly Respiratory Disease Surveillance Report. Percentage change is calculated off prior week's visits. Data are preliminary and subject to change. RSV Net: <https://www.cdc.gov/rsv/research/rsv-net/dashboard.html>

*Influenza-Like Illness (Excluding Diagnosed COVID-19) ED and Urgent Care Visits		
02/26 – 03/04 (MMWR Week 9)	03/05 – 03/11 (MMWR Week 10)	03/12 – 03/18 (MMWR Week 11)
3,049	2,907	<b>3,045 (+5%)</b>
Data is from the week of Mar. 12– Mar. 18, 2023. Percent change is from week prior		
* ILI - ED and urgent care visits with a chief complaint of 'flu' or fever + sore throat/cough. <b>Visits with diagnosed COVID-19 are excluded.</b>		

**Weekly ED and Urgent Care Visits for ILI Excluding Diagnosed COVID-19  
03/13/22 – 03/18/23**



- Virginia reported 2.9% of all ED and urgent care visits were for ILI, during the week ending 03/18
- Largest proportion of ILI visits were seen in the 0-4 years of age group with 10.1% of all visits

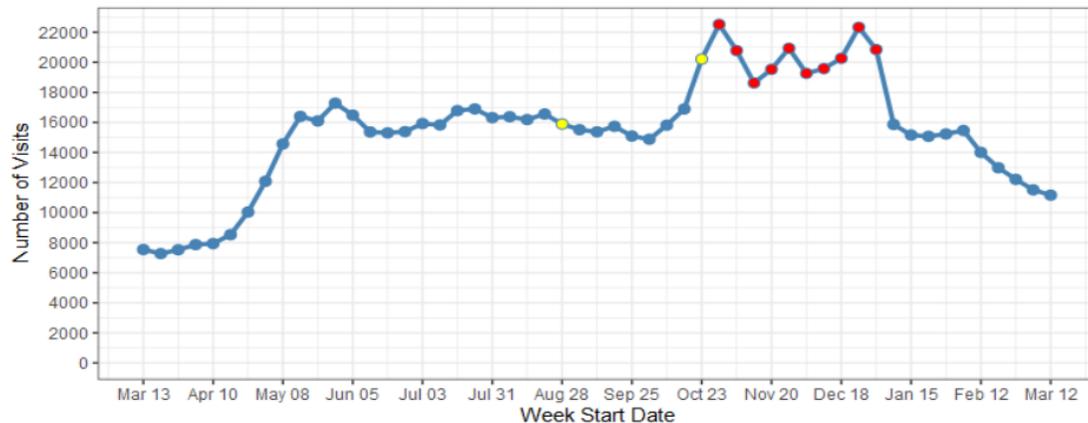
*COVID-Like Illness ED and Urgent Care Visits		
02/26 – 03/04 (MMWR Week 9)	03/05 – 03/11 (MMWR Week 10)	03/12 – 03/18 (MMWR Week 11)
12,144	11,512	<b>11,161 (&lt;5%)</b>
Data is from the week of Mar. 12 - Mar. 18, 2023. Percent change is from week prior		
*CLI - ED visits noting symptoms of fever + respiratory complaint (e.g., fever with cough, shortness of breath, or difficulty breathing), loss of taste or smell, those with a coronavirus or severe respiratory diagnosis, or visits that mention COVID-19 as the reason for visit.		

For the week ending March 18, 2023, MMWR week 11:

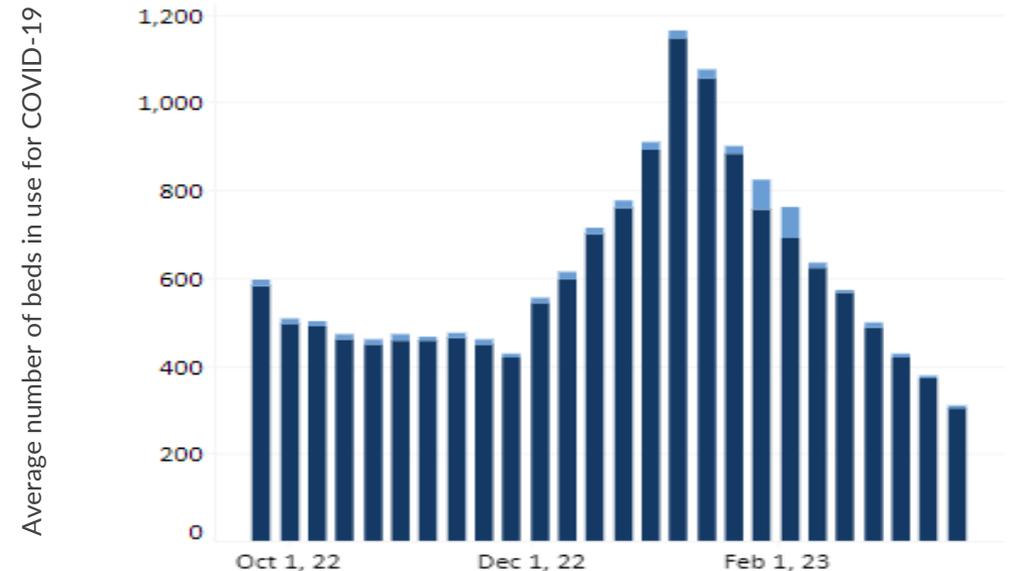
\* Compared to last week:

- Weekly case rate **decreased 37%** to 33.9 per 100K
- Hospital Census Data shows a **decrease of 15%** to 311 average beds in use for COVID-19
- The number of deaths reported for this week is 1 (confirmed & probable)

### Weekly ED and Urgent Care Visits for COVID-Like Illness, VA, 03/13/22 - 03/18/23



### COVID-19 Hospital Census Trends Virginia, July 2022 – March 2023



\*Source: [CDC COVID Data Tracker](#), [VDH COVID-19 Dashboard](#)

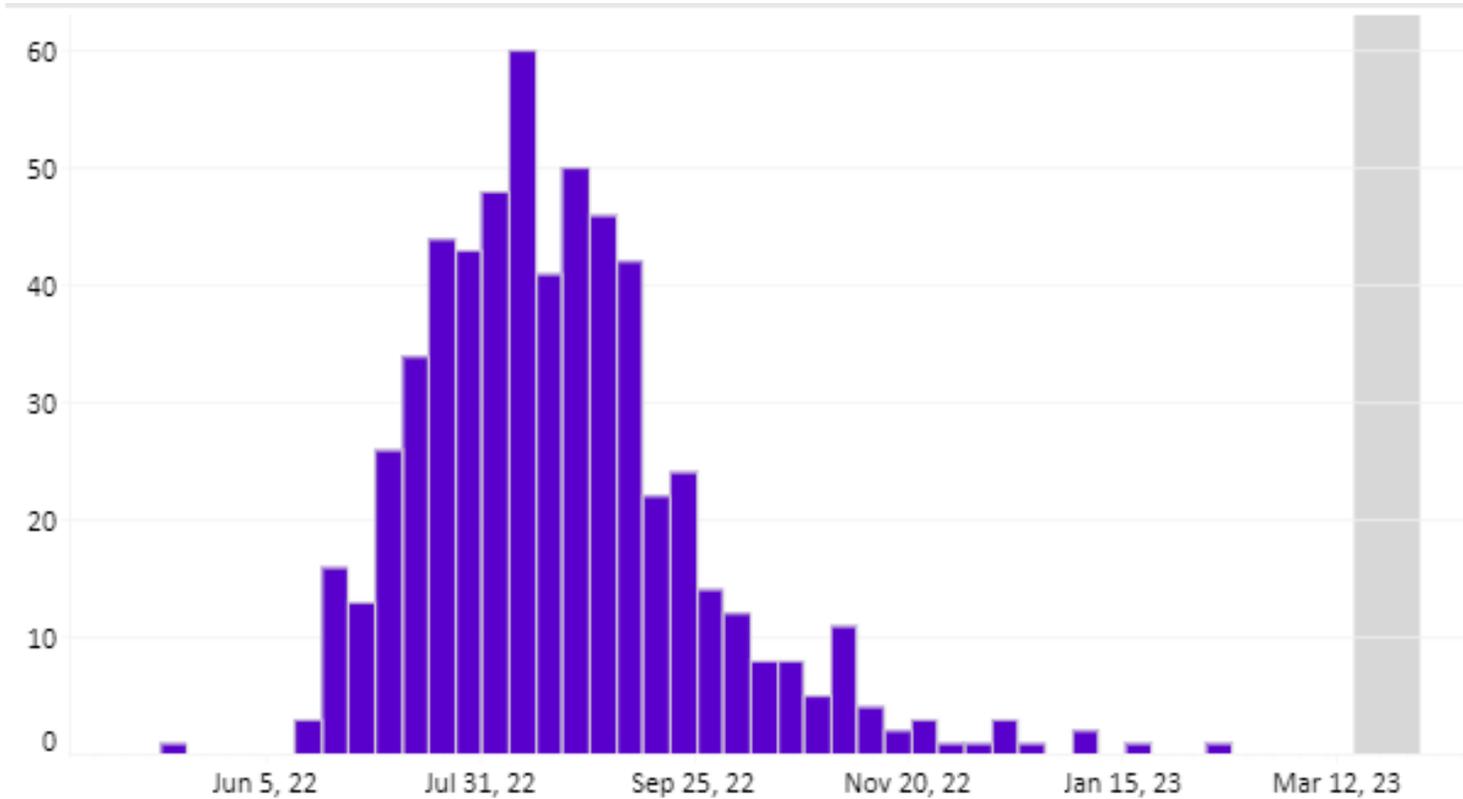
VDH Weekly Respiratory Disease Surveillance Report. Percentage change is calculated off updated case numbers from week prior.

\*Data comparisons: Wednesday-Wednesday

■ Pediatric  
■ Adult

# Mpox Cases in Virginia

## Epi Curve of Mpox Cases (5/2022 – 3/2023)



<b>Total Cases</b>	<b>570</b>
<b>Hospitalizations</b>	<b>30</b>
<b>Deaths</b>	<b>2</b>

## Mpox Cases By Age and Sex (as of 03/28/2023)

Age Group	Cases
0-9 Years	0 (0.0%)
10-14 Years	1 (0.2%)
15-19 Years	14 (2.5%)
20-29 Years	209 (36.7%)
30-39 Years	226 (39.6%)
40-49 Years	83 (14.6%)
50-59 Years	32 (5.6%)
60-69 Years	3 (0.5%)
70+ Years	2 (0.4%)
Sex	
Female	31 (5.4%)
Male	539 (94.6%)

\*Data represent investigations with notifications submitted in VEDSS.

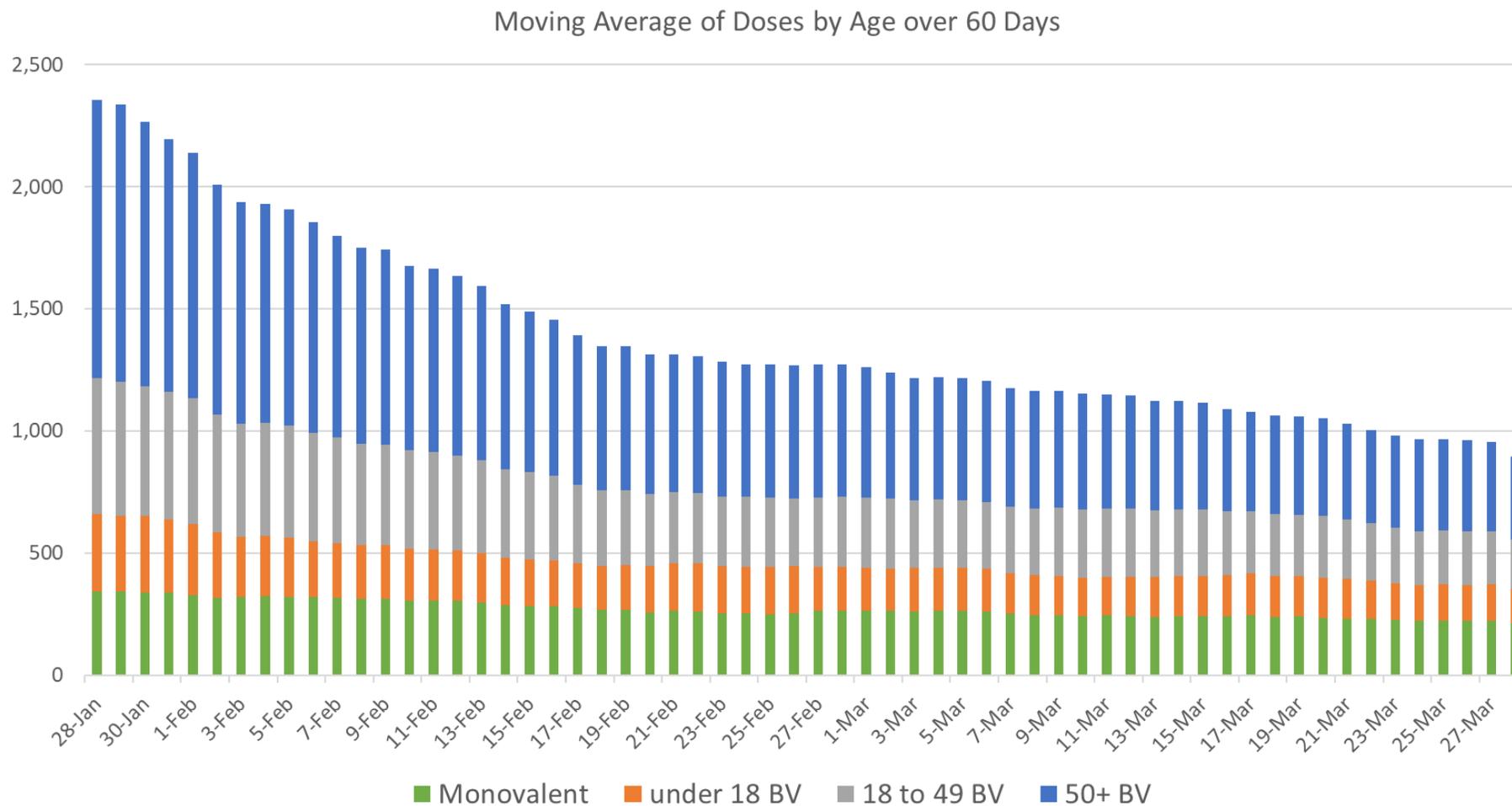
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# **Vaccine Updates**

**March 30, 2023**

# Virginia: Monovalent vs Bivalent Vaccination over the prior 60 days

- There have been 1,484,026 Bivalent Covid-19 Vaccine Doses Administered so far
- 78% of doses have been Bivalent so far in March

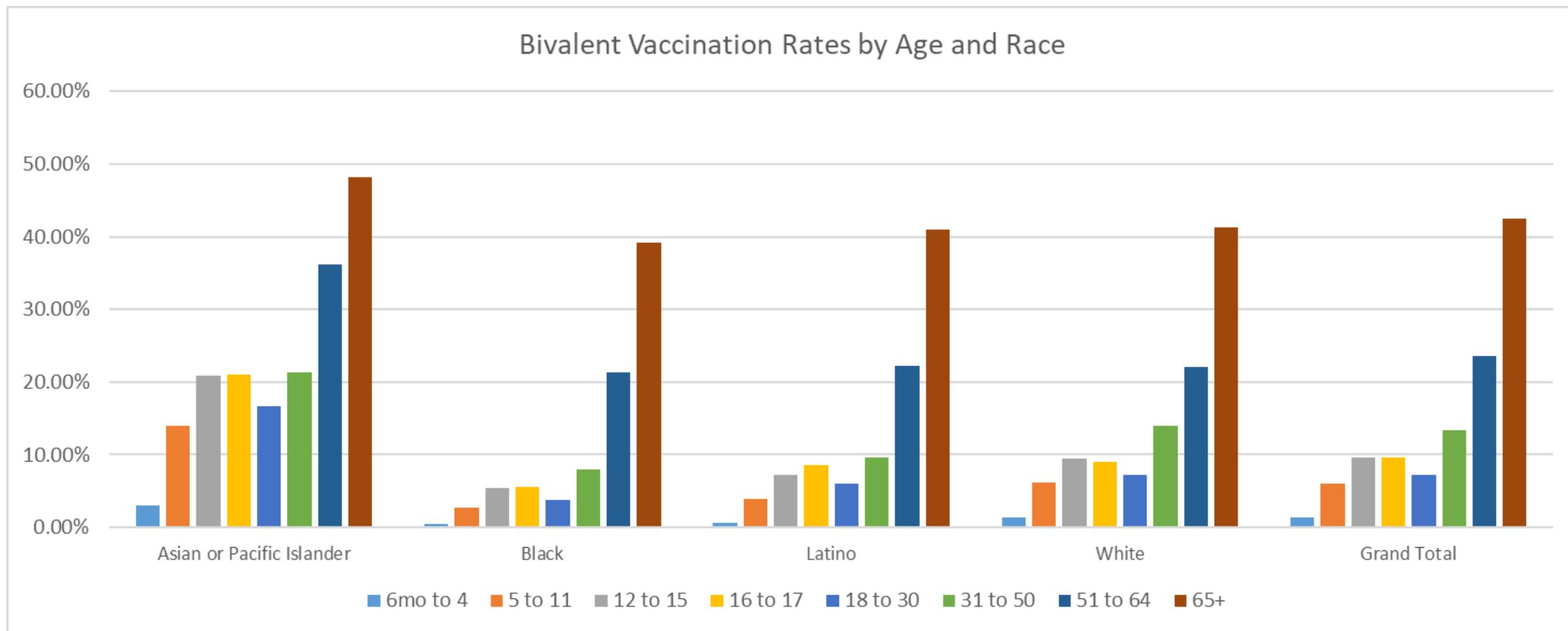


Federal doses not included in this number

Source: [COVID-19 Vaccine Summary - Coronavirus \(virginia.gov\)](https://www.vdh.virginia.gov/covid-19/vaccine-summary/)

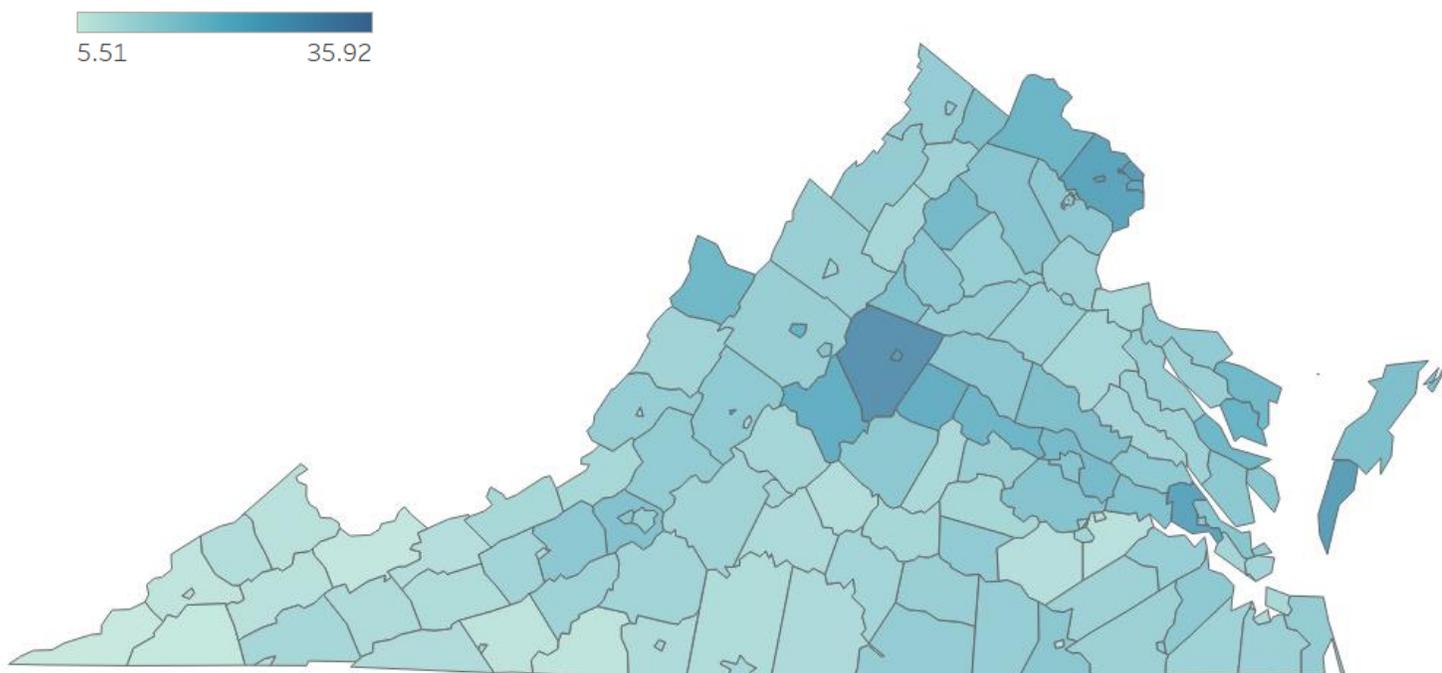
# Virginia: Bivalent Vaccination Uptake by Race/Ethnicity and Age

- 40% of bivalent vaccines has gone to 65+, as this age group is far outpacing other ages for uptake



# Virginia: Vaccination across the Commonwealth by Geography

## Percent of the Total Population with Bivalent Booster by Locality



- 73.8% of the Total Population has completed their primary series
- 17.4% of the Total Population has a Bivalent Booster
- 24.8% of the Eligible Population has a Bivalent Booster
- Virginia is 16<sup>th</sup> in the nation in Bivalent Booster uptake

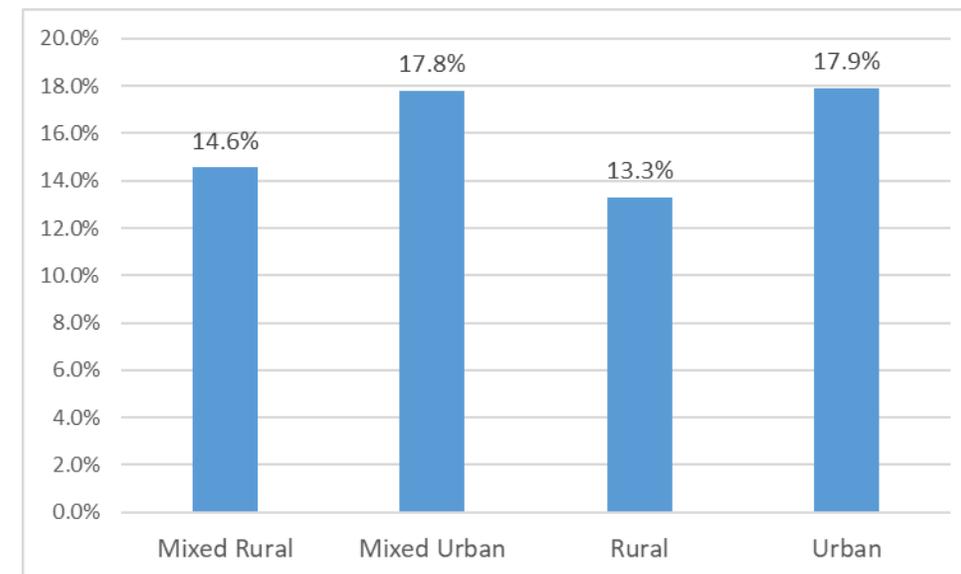
Federal doses not included in this number

Source: [COVID-19 Vaccine Summary - Coronavirus \(virginia.gov\)](https://www.virginia.gov/covid-19/vaccine-summary)

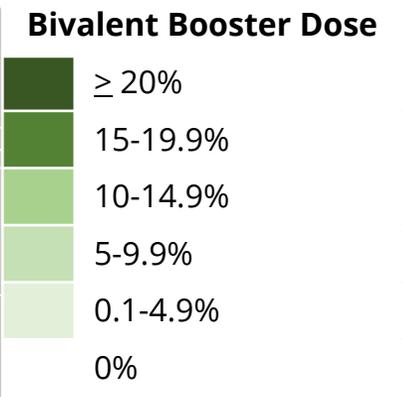
## Vaccination Rates by Region

Health Region	Fully Vaccinated	Change
Central	64.8%	0.0%
Eastern	60.8%	0.0%
Northern	77.1%	0.0%
Northwest	62.5%	0.0%
Southwest	54.9%	0.0%

## Bivalent Uptake by Urban / Rural



# Virginia and Neighbors: Vaccination Rates



	One Dose*	Fully Vax*	Bivalent Booster**
<b>Nationwide</b>	81.3%	69.4%	16.4%
<b>D.C.</b>	95.0%	90.9%	31.2%
<b>Kentucky</b>	68.9%	59.7%	12.2%
<b>Maryland</b>	91.9%	79.8%	23.6%
<b>North Carolina</b>	92.4%	67.2%	14.8%
<b>Tennessee</b>	64.5%	56.3%	10.0%
<b>Virginia**</b>	91.2%	76.7%	20.6%
<b>West Virginia</b>	67.6%	59.7%	11.4%

\*Total population, includes out-of-state vaccinations  
 \*\*Percent of fully vaccinated people with a booster dose  
 \*\*\*Differs from previous slide because all vaccination sources are included

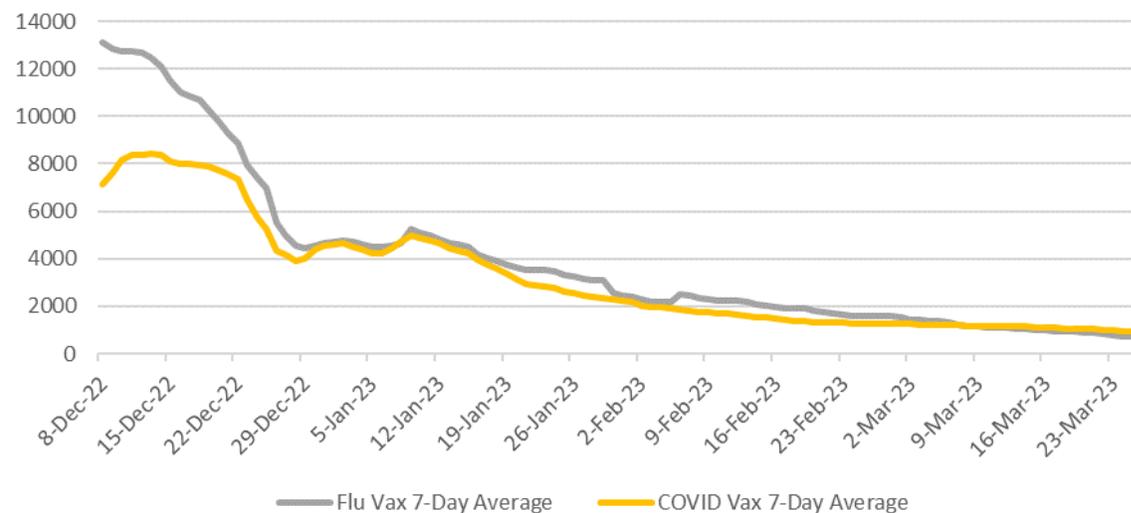
Ranks	Fully Vax %	0-4 First Dose %	5-11 First Dose %	Bivalent Booster %
Kentucky	#37	#37	#40	#37
Maryland	#8	#7	#5	#8
North Carolina	#23	#27	#23	#31
Tennessee	#46	#40	#45	#47
Virginia	#10	#11	#7	#16
West Virginia	#37	#46	#46	#39

Source: <https://covid.cdc.gov/covid-data-tracker/#vaccinations>

# Virginia: Flu Vaccine Update

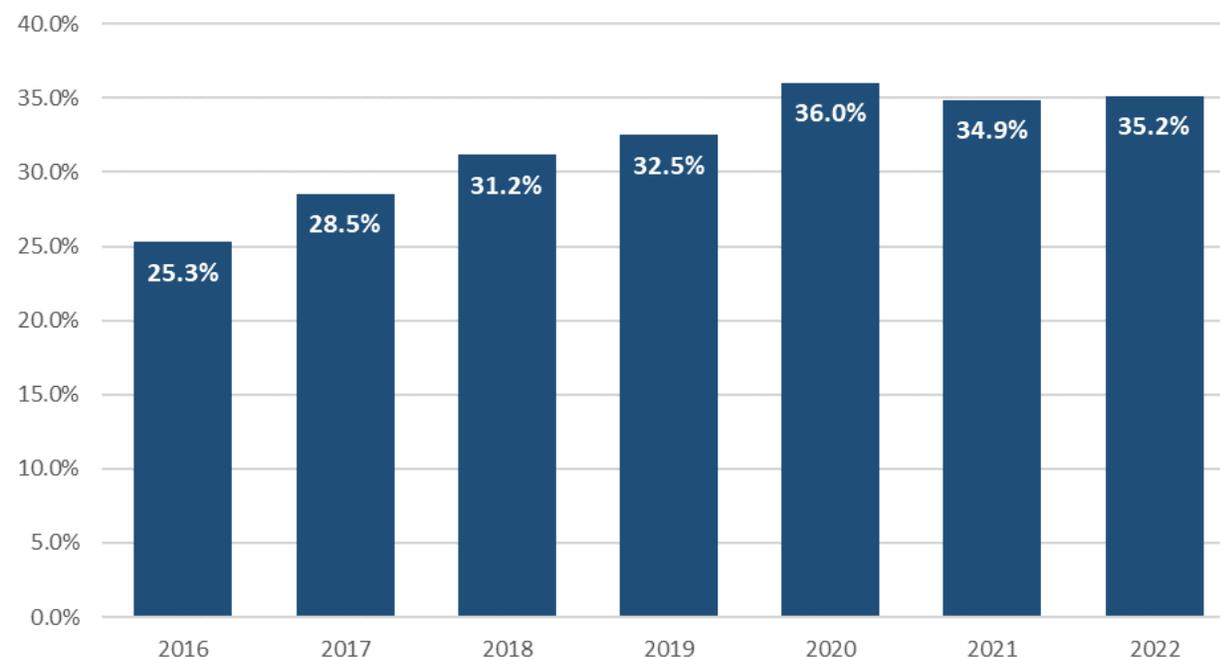
- Flu Vaccinations have roughly followed a similar pattern to Covid Vaccinations since the Winter holidays
- There have been 3.05 million Flu Vaccine doses administered (36% of the Total Population) since July 1st, 2022, which is very similar to the prior Flu season and higher than pre-pandemic.

7-Day Average of Flu Vax vs Covid Vax



7 Day Average - Last 7 days of daily doses given, adds them and divided by 7.

Flu Vaccine Uptake by Adjusted Population through Mar. 25th

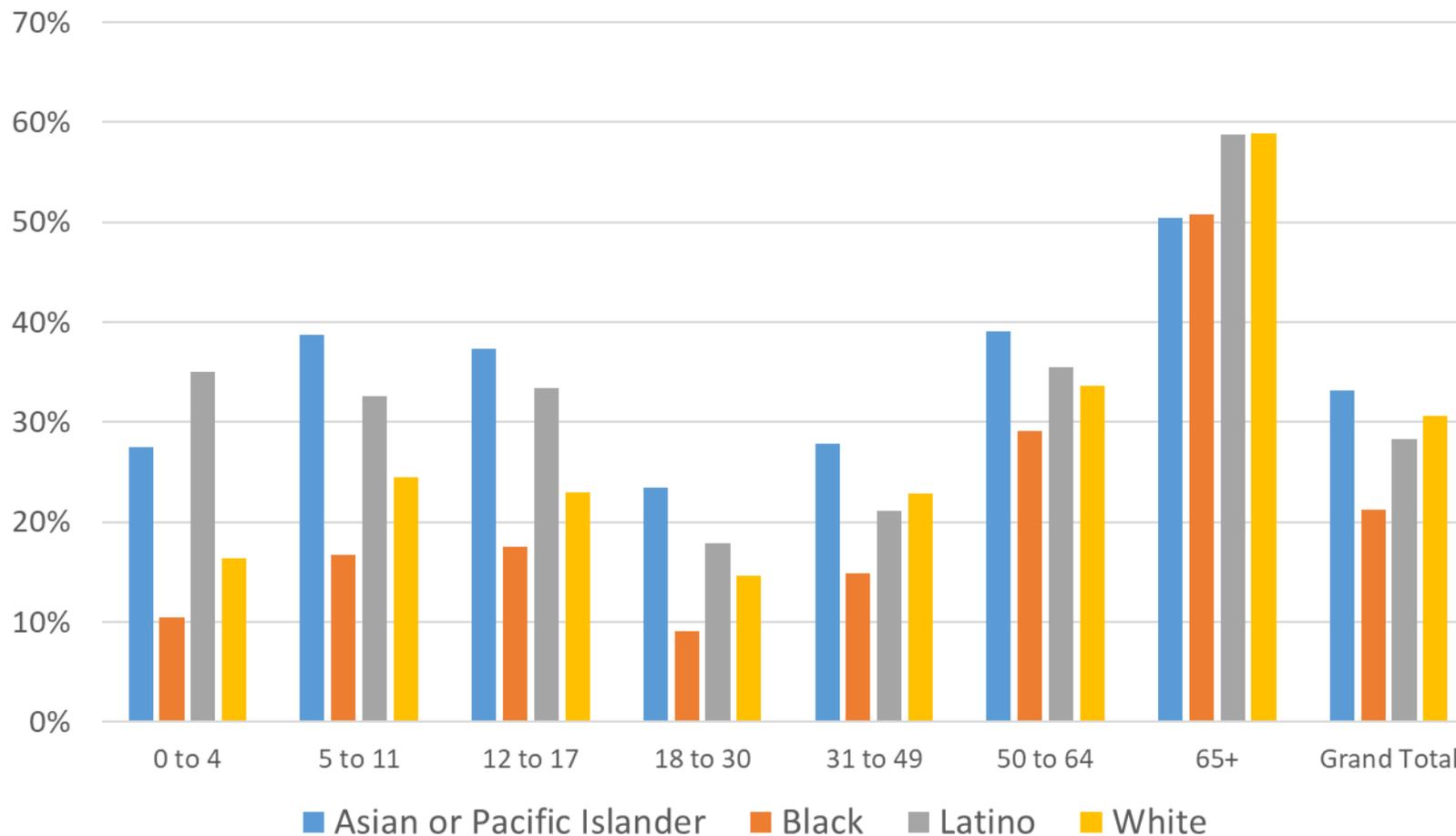


# Virginia: Flu Vaccine Uptake by Race / Ethnicity by Age

- The Asian American Population has reached parity with the white population in Flu Vaccine Uptake for 2022
- There are large disparities by race/ethnicity for differing age groups

Parity vs White Population

Race and Ethnicity	Ratio
Asian or Pacific Islander	1.1
Black	0.7
Latino	0.9



# Virginia: JYNNEOS Administration Demographics

- Vaccinations have been slowing, with 27 doses administered last week out of the total 22,181 doses since July 1st.
- 89.5% of Vaccines Administered have been to Males
- 55.9% of Vaccines Administered have in the Northern Region
- The White Population accounts for 56.8% of Vaccinations by Race where data is available

